

REMARKS

The claims have been amended to include the subject matter of certain dependent claims. For example, claim 1 was amended to include the subject matter of dependent claim 8. That claim was rejected over the combination of Masunaga and Wu. It is conceded that Masunaga does not teach “providing a plurality of different channel mapping schemes and enabling the selection of one of said schemes.”

Instead, it is suggested that Wu teaches multiplexing, that Wu teaches two levels of multiplexing, and that it would have been obvious to someone of ordinary skill in the art to provide multimedia streams and multiplexing in the physical and logical layer. However, even if this were so, and that is not accepted, there is no providing different channel mapping schemes and enabling the selection of one of those schemes.

Moreover, there is no rationale to modify Masunaga to have that capability. The office action suggests that a motivation to provide several multimedia streams and multiplex them at a physical and logical layer would be for efficient traffic control for multiplexing a plurality of packets during the different grade of services as spoken in the abstract of Wu. However, the abstract of Wu has nothing to do with general mapping schemes and enabling the selection of one such scheme.

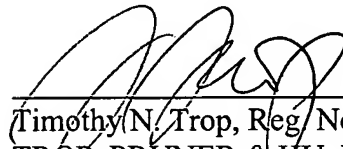
For example, in the present application, as described at page 11, lines 17 *et seq.* with reference to Figure 6, channels can be provided for management, conversational class, and dynamic assignment using a dynamic switcher on a first come, first served basis. The channel mapping may be optimized for a particular hardware, such as direct memory access, and may provide limited isochronous transfer paths.

It is respectfully submitted that neither cited reference teaches providing a plurality of different channel mapping schemes and enabling the selection of one of those schemes.

Therefore, reconsideration is requested.

Respectfully submitted,

Date: February 9, 2006



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